

MANURE NUTRIENT ANALYSIS REPORT



AgSource
Laboratories

A Subsidiary of Cooperative Resources International

AGSOURCE LABORATORIES

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CENTRAL SANDS DAIRY
N15927 CTY G
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ANALYSIS FOR: CENTRAL SANDS DAIRY

DATE PROCESSED: 05/29/2013

DATE SAMPLED: 05/21/13

SAMPLE NUMBER: 22591

MATERIAL: Dairy

SAMPLE TYPE: A

STORAGE SYSTEM: LIQUID

DRY MATTER, % 3.72

MOISTURE, % 96.28

Nitrogen:
(> 72h or Not Inc)

Nitrogen:
(Inc in 1 to 72h)

Nitrogen:
(Inc within 1h or Inj)

Phosphorus as P₂O₅

Potassium as K₂O

Sulfur

Estimated Value of
Available Nutrients

Estimated Available Nutrient Credits

Total Nutrients lbs/1000 gal	In 1st Year of Application lbs/1000 gal	If Applied 2 Consecutive Yrs lbs/1000 gal	If Applied 3 Consecutive Yrs lbs/1000 gal
23.24	6.97	2.32	1.16
23.24	9.30	2.32	1.16
23.24	11.62	2.32	1.16
8.27	6.62	0.00	0.00
14.86	11.89	0.00	0.00
1.79	0.98	0.18	0.09
	\$19.23	\$1.76	\$0.88

MINOR ELEMENTS *3

Calcium: 3.24%	Zinc: 441 ppm
Magnesium: 1.57%	Manganese: 395 ppm
Copper: 989 ppm	Sodium: 1.83%
Iron: 1760 ppm	

NH4-N: 0.260%
NO3-N: 0.00080%

COMMENTS:

- *1 Applications of manure on the same field for 2 consecutive years increases availability of N, P, K, and S by 10%, and for 3 or more consecutive years by 15%. Availability of N changes depending on application technique. Injection or incorporation within 3 days of application results in higher N availability.
- *2 Value based on commercial fertilizer costs as of 08/10/2012.
N (Urea)\$0.74/lb, P2O5 (Triple Superphosphate)\$0.71/lb, K2O (Potash)\$0.48/lb, S (Elemental Sulfur) \$0.23/lb.
- *3 If minor elements are requested, they are reported on a 'dry matter' basis.
If ammonia, nitrate or pH are requested, they are reported on an 'as is' basis.